


Sheet 1 of 7

Form PTO-1449 U.S. Department of Commerce (REV. 8-83) Patent and Trademark Office INFORMATION DISCLOSURE CITATION (use several sheets if necessary)	Atty. Docket No. ENZ-61 (D10)	Serial No. 10/764,388
		
Applicants: Ilan, et al		
Filed: January 23, 2004		Group: Not yet known

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPRO- PRIATE
		5	4	9	4	8	1	0					
JR		5	4	9	4	8	1	0	02/96	Barany, et al			
JR		6	0	0	4	2	8	6	12/99	Bellhouse, et al			
JR		5	5	8	2	9	8	4	12/96	Bieniarz, et al			
JR		5	5	9	9	9	3	2	2/97	Bieniarz, et al			
JR		4	9	7	8	6	1	4	12/90	Bronstein, IY			
JR		5	4	6	2	8	5	4	10/95	Coassin, et al			

FOREIGN PATENT DOCUMENTS

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		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	TRANSLATION YES NO	
JR	EP	0	6	6	7	3	9	3	8/16/95	Rabbani et al	A1	5		
JR	EP	0	0	7	0	6	8	5	7/14/82	Heller, et al	A1			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JR	Ball, et al., "The use of tailed octamer primers for cycle sequencing," <u>Nucl. Acids. Res.</u> 26:5225-5227 (1998)
JR	Baranov, et al., "A new technique for the characterization of long-range tertiary contacts in large RNA molecules: insertion of a photolabel at a selected position in 16S rRNA within the Escherichia coli ribosome," <u>Nucl. Acids Res.</u> 25:2266-2273 (1997)
	Dale, R.M., et al., "Direct covalent measurement of nucleotides and polynucleotides," <u>Biochemistry</u> 14:2447-2457 (1975)
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JR	Doan, T.L., et al., "Targeted cleavage of polynucleotides by complementary oligonucleotides covalently linked to iron-porphyrins," <u>Biochemistry</u> 25:6736-6739 (1986)
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EXAMINER /Jezia Riley/	DATE CONSIDERED 08/30/2006
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(REV. 8-83) Patent and Trademark Office

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ENZ-61 (D10)

Serial No. 10/764,388

Applicants: Ilan, et al

Filed: January 23, 2004

Group: Not yet known

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPRO- PRIATE
JR	5 8 4 9 4 8 0	12/98	Cros, et al			
JR	4 8 9 4 3 2 5	01/00	Engelhardt, et al			
JR	5 2 4 1 0 6 0	08/93	Engelhardt, et al			
JR	5 2 8 8 6 0 9	02/94	Engelhardt, et al			
JR	6 2 2 1 5 8 1	04/01	Engelhardt, et al			
JR	4 3 7 5 9 7 2	03/83	Forgione, et al			
JR	5 2 1 0 0 1 5	05/93	Gelfand, et al			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	TRAN- SLATION YES NO
JR	WO 9 9 2 8 5 0 0	11/27/98	Lee, et al			
JR	EP 0 9 1 7 0 3 9	1/12/00	Rabbani, et al	A1		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Enzo Biochem, Catalog Nos. 42722, 4723, 4724, New York, NY <i>no Date</i>
JR	Ernst, et al., "Cyanine dye labeling reagents for sulfhydryl groups," <i>Cytometry</i> 10:3-10 (1989)
JR	Fuhrop, J.H., et al., Chapter 19 in "Porphyrins and Metalloporphyrins," ed. Smith, K.M., Elsevier Science, New York (1975)
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JR	Kuhlmann, K.F., et al., "Synthesis, DNA-binding and biological activity of a double intercalating analog of ethidium bromide," <i>Nucl. Acids. Res.</i> 5:2629-2633 (1978)
JR	Larock, "Organomercurials in Organic Synthesis," <i>Tetrahedron</i> 38:1713-1754 (1982)

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Applicants: Ilan, et al		
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPRO- PRIATE
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JR									01/02	Gemen, B.			
JR									07/97	Glazer, et al			
JR									09/93	Haces, A.			
JR									03/98	Hamby, et al			
JR									11/87	Hendrix, JL			
JR									11/95	Hendrix, JL			
JR									11/99	Higuchi, RG			
JR									04/91	Hobbs, et al			

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		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	<u>TRANSLATION</u>	
		1	2	7	5	7	3	7					YES	NO
JR	EP	1	2	7	5	7	3	7	1/15/03	Rabbani, et al	A1			
JR	EP	1	3	4	4	8	3	5	11/17/03	Rabbani, et al	A1			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JR		Lee, L.G., et al., "DNA sequencing with dye-labeled terminators and T7 DNA polymerase: effect of dyes and dNTPs on incorporation of dye-terminators and probability analysis of termination fragments," <u>Nucl. Acids Res.</u> 20:2471-2488 (1992)
JR		Liu, H., et al., "PCR amplification using deoxyinosine to replace an entire codon and at ambiguous positions," <u>Biotechniques</u> 16:24-26 (1994)
JR		Liu, D., et al., "Stable human immunodeficiency virus type 1 (HIV-1) resistance in transformed CD4+ monocytic cells treated with multitargeting HIV-1 antisense sequences incorporated into U1 snRNA," <u>J. Virol</u> 71:4079-4085 (1997)
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JR		Loakes, D., "The applications of universal DNA base analogues," <u>Nucl. Acids Res.</u> 29:2437-2447 (2001)

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JR									05/01	Impraim, et al			
JR									09/96	Kacien, et al			
JR									09/99	Kahn, et al			
JR									08/99	Kwok, et al			
JR									08/99	Lee, et al			
JR									06/92	Lizardi, et al			
JR									07/92	Malek, et al			
JR									07/87	Mullis, et al			

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JR	Maulding, D.R., et al., "Chemiluminescence from Reactions of Electrophilic Oxamides with Hydrogen Peroxide and Fluorescent Compounds," <u>J. Org. Chem.</u> 33:250-254 (1968)
JR	Moan, J., et al., "Porphyrin photosensitization and phototherapy," <u>Photochem. Photobio.</u> 43:681-690 (1986)
JR	Mujumdar, R.B., et al., "Cyanine dye labeling reagents containing isothiocyanate groups," <u>Cytometry</u> 10:11-19 (1989)
JR	Mujumdar, R.B., et al., "Cyanine dye labeling reagents: sulfoindocyanine succinimidyl esters," <u>Bioconjugate Chemistry</u> 4:105-111 (1993)
JR	Nichols, et al., "A universal-nucleoside for use at ambiguous sites in DNA primers," <u>Nature</u> 369:492-493 (1994)
JR	Okayama, H., et al., "High efficiency cloning of full length cDNA," <u>Mol. Cell. Biol.</u> 2:161 (1982)

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JR	5	8	6	6	3	3	6	02/99	Nazarenko, et al			
JR	6	1	1	4	3	5	0	09/2000	Randall, et al			
JR	6	1	1	0	6	3	0	08/2000	Reddy, et al			
JR	6	0	0	1	5	7	3	12/99	Roalent, C.			
JR	5	7	0	7	5	6	9	01/98	Schaap, et al			
JR	6	3	2	3	3	3	7	11/01	Singer, et al			

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JR	Rieke, R.D., "The preparation of highly reactive metals and the development of novel organometallic reagents," <u>Aldrichimica Acta</u> 33:52-60 (2000)
JR	Robins, M.J., et al., "Nucleic Acid Related Compounds. 39. Efficient Conversion of 5-Iodo to 5-Alkynyl and Derived 5-Substituted Uracil Bases and Nucleosides," <u>J. Org. Chem.</u> 48:1854-1862 (1983)
JR	Schaap, et al., "Chemical and Enzymatic Triggering of 1,2-Dioxetanes. 1: Aryl Esterase-Catalyzed Chemiluminescence from a Naphthyl Acetate-Substituted 1,2-Dioxetane," <u>Tetrahedron Letters</u> 28:935-938 (1987)
JR	Schaap, A.P., et al., "Chemical and Enzymatic Triggering of 1,2-Dioxetanes. 3: Alkaline Phosphatase-Catalyzed Chemiluminescence from an Aryl Phosphate-Substituted Dioxetane," <u>Tetrahedron Letters</u> 28:1159-1163 (1987)
JR	Selinger, D.W., et al., "RNA expression analysis using a 30 base pair resolution <i>Escherichia coli</i> genome array," <u>Nature Biotech.</u> 18:1262-1268 (2000)
JR	Shibahara, S., et al., "Site-directed cleavage of RNA," <u>Nucl. Acids Res.</u> 15:4403-4415 (1987)
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JR	4 8 6 8 1 0 3	09/89	Stavrianopolous, et al			
JR	4 9 5 2 6 8 5	08/90	Stavrianopolous, et al			
JR	4 9 9 4 3 7 3	02/91	Stavrianopolous, et al			
JR	5 0 1 3 8 3 1	05/91	Stavrianopolous, et al			
JR	5 5 7 8 8 3 2	11/96	Trulson, et al			
JR	5 1 3 2 2 0 4	07/92	Urdea, et al			
JR	5 8 9 1 6 3 6	04/99	Van Gelder, et al			
JR	5 2 6 8 4 8 6	12/93	Waggoner, et al			

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OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)			
JR	Southwick, P.L., et al., "Cyanine dye labeling reagents - carboxymethylindocyanine succinimidyl esters," <u>Cytometry</u> 11:418-430 (1990)		
JR	Talaat, A.M., et al., "Genome-directed primers for selective labeling of bacterial transcripts for DNA microarray analysis," <u>Nature Biotech.</u> 18:679-682 (2000)		
JR	Tao, et al., "Genomics: Expression Analysis of Escherichia coli Growing on Minimal and Rich Media," <u>J. Bact.</u> 181:6425-6490 (1999)		
JR	Wieringa, J.H., et al., "Adamantylideneadamantane Peroxide. A Stable 1,2 Dioxetane," <u>Tetrahedron Letters</u> 2:169-172 (1972)		
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JR	5 6 2 7 0 2 7	05/97	Waggoner, et al	S	S	
JR	6 0 0 8 3 7 3	12/99	Waggoner, et al			
JR	5 2 7 0 1 8 4	12/93	Walker, et al			
JR	5 4 5 5 1 6 6	10/95	Walker, et al			
JR	4 7 1 1 9 5 5	12/87	Ward, et al			
JR	5 4 5 5 1 7 5	10/95	Wittwer, et al			
JR	6 1 7 4 6 7 0	01/01	Wittwer, et al			

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